

# SCREENFLEX ACOUSTICAL PANEL SOUND ABSORPTION INFORMATION

**The Noise Reduction Coefficient Assigned to a Screenflex Panel is:  
NRC = 45 for a 66" High Panel.**

Laboratory sound tests have determined that Screenflex panels absorb the following percentage of sound decibels created where the panels are hung.

## Sound Absorption

$\frac{3}{4}$ " Panel  
Sound Absorption = 45%



1  $\frac{1}{2}$ " Panel  
Sound Absorption = 60%



Sound tests are conducted using Screenflex 66" high panels in a chamber with concrete floors, walls, and ceilings. Soft materials in a room like carpet, furniture and drapes will increase the percentage of sound absorbed from that shown. Taller panels will logically absorb a greater value than the value shown and shorter panels a lesser value. Also the tests reveal that the dividers absorb the lower frequencies (adult voices) at a greater rate than the high frequencies.